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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME IV. No. 2 — McKEE PRINT — February, 1956

Production of crude oil and condensate from the oil and gas areas of Montana for the month of February, 1956, averaged 54,406 barrels daily, a decrease of 622 barrels from the average January production of 55,028.

The nine refineries in the State processed 67,825 barrels of crude oil daily for the month of February, 1956, a decrease of 898 barrels daily from the 68,723 barrels processed daily during the month of January.

During February, 24 wells were completed, 15 oil, 0 gas well and 9 dry holes.

During February, 1956, the Commission issued 21 permits to drill new wells, a decrease of 4 from the 25 permits issued during January.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF FEBRUARY, 1956

IN STORAGE FEBRUARY 1st:	
By Producers	301,763
By Transporters	567,030
By Refiners	564,486
TOTAL STORAGE	1,433,279
Produced in Montana During Month	1,577,766
Imported During Month	1,208,890
TOTALS	4,219,935
DISPOSITION:	
Refined in Montana	1,966,959
Exported	849,334
Used for Fuel or Lost	21,979
TOTALS	2,838,272
IN STORAGE FEBRUARY 29th:	
By Producers	296,899
By Transporters	601,915
By Refiners	482,849
TOTAL STORAGE	1,381,663

NATURAL GAS WITHDRAWALS IN MONTANA

Month of February, 1956

Field	M Cu. Ft.
Bears Den	0
Bowdoin	273,954
Bowes	90,551
Box Elder	0
Cedar Creek	526,248
Cut Bank (Includes Reagan)	1,510,398
Dry Creek	228,049
Elk Basin	28,965
Golden Dome	19,084
Hardin	4,868
Keith Block	189,741
Kevin-Sunburst	146,703
Utopia	118,576
Whitlash	183,928
Miscellaneous	18,708
TOTAL	3,339,773

Total Withdrawals for February, 1956, were 3,539,796 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF FEBRUARY, 1956

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	838	3,125	.....	2,889	.....	1,074
1	Bannatyne	1	442	55	.....	100	.....	397
9	Big Wall	25	6,567	18,918	.....	20,018	.....	5,467
3	Border	7	.....	1,388	.....	1,388	.....	.....
10	Bowes	74	4,408	29,850	30,222	.....	.....	4,036
1	Brady-Midway	1	392	77	.....	357	.....	112
3	Bredette	3	2,531	9,964	8,278	.....	.....	4,217
2	Brorson	3	5,585	5,820	6,687	.....	.....	4,718
....	Bynum	.....	.....	.....	.....	.....	.....	.....
1	Cabin Creek	20	3,756	98,915	95,076	.....	2,414	5,181
27	Cat Creek	86	5,417	12,726	13,546	.....	.....	4,597
2	Clark's Fork	2	108	5,647	.....	4,937	.....	818
2	Cupton	2	1,227	2,988	3,145	.....	.....	1,070
328	Cut Bank	1,094	126,433	210,797	212,588	.....	30	124,612
3	Deer Creek	3	2,818	12,412	13,319	.....	.....	1,911
....	Devil's Basin	....	757	.....	.....	.....	.....	757
6	Dry Creek	6	1,333	14,010	13,809	.....	.....	1,534
20	Elk Basin	58	10,975	146,021	145,450	.....	.....	11,546
3	Fertile Prairie	4	2,572	2,400	.....	3,113	.....	1,859
2	Frannie	2	347	1,060	1,051	.....	.....	356
1	Gage	1	893	108	.....	.....	.....	1,001
2	Gas City	5	3,810	13,244	14,005	.....	954	2,095
6	Glendive	13	3,398	43,099	43,049	.....	.....	3,448
....	Golden Dome	....	609	.....	.....	.....	.....	609
1	Ivanhoe	2	1,062	2,207	.....	2,658	.....	611
174	Kevin-Sunburst	1,279	16,025	73,651	71,656	.....	.....	18,020
2	Lake Basin	2	818	205	.....	.....	.....	1,023
1	Little Beaver	4	1,573	12,705	12,489	.....	.....	1,789
2	East Little Beaver	2	2,699	1,969	3,554	.....	.....	1,114
2	Marcus Snyder	4	1,134	4,222	.....	4,209	.....	1,147
2	Melstone	4	2,346	3,879	.....	3,888	.....	2,337
2	Mosser	2	.....	910	.....	910	.....	.....
3	Pennel	6	2,865	13,900	12,310	.....	863	3,592
2	Pine Unit	48	15,248	229,825	219,868	.....	8,523	16,682
69	Pondera	314	9,494	52,905	53,220	.....	.....	9,179
69	East Poplar	74	20,134	358,090	335,167	20,682	112	22,263
4	Northwest Poplar	5	1,489	2,853	.....	1,921	.....	2,421
2	Ragged Point	2	1,408	1,134	.....	1,530	.....	1,012
....	Rattlesnake Butte	.....	325	.....	.....	.....	.....	325
3	Reagan	42	3,394	17,656	17,691	.....	.....	3,359
5	Richey	7	4,250	7,721	8,908	.....	323	2,740
....	Rudyard	.....	283	.....	.....	.....	.....	283
5	Soap Creek	15	3,535	18,001	.....	19,917	.....	1,619
1	Southwest Richey	3	1,675	6,740	6,951	.....	.....	1,464
16	Sumatra	55	16,963	107,690	108,927	3,968	.....	11,758
4	Sweetgrass Hills	4	708	676	.....	626	.....	758
5	Whitlash	19	5,393	12,329	10,162	359	.....	7,201
1	Wibaux	1	676	952	.....	964	.....	664
2	Wolf Springs	3	1,801	13,931	.....	12,896	.....	2,836
1	Woodrow	1	309	495	.....	.....	.....	804
1	Yellowstone	1	940	496	.....	953	.....	483
812		3,313	301,763	1,577,766	1,461,128	108,283	13,219	296,899

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1955	15,654,426	42,889	15,526,471	42,538
January, 1956	1,705,869	55,028	1,689,037	54,485
February, 1956	1,577,766	54,406	1,569,411	54,118

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 31, 1955	298,039	575,486	575,324	1,448,849
January 31, 1956	301,763	567,030	564,486	1,433,279
February 29, 1956	296,899	601,915	482,849	1,381,663

*Includes Wyoming Oil

TRANSPORTER'S REPORT
MONTH OF FEBRUARY, 1956

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carriers	
ASH CREEK—Trucks			2,889				2,889		
BANNATYNE—Trucks			100			100			
BIG WALL—Trucks	2,446		20,018			11,847	10,287		330
BORDER—Trucks			1,388			1,388			
BOWES—									
Northern Pump Company	751	7,500					7,500		751
The Texas Company	104	22,722				22,138			688
	855	30,222				22,138	7,500		1,439
BRADY-MIDWAY—Trucks			357			357			
BRORSON—Sun Oil Company		6,687					6,687		
CABIN CREEK, GLENDIVE, GAS CITY, PINE, POPLAR, etc.—									
Butte Pipeline Co.	255,874	375,455		400,451		11,189	725,132		295,459
CAT CREEK—									
Continental Pipeline Co.	6,268	9,602			(267)	9,703			6,434
Wm. Hanlon		3,944				3,944			
	6,268	13,546			(267)	13,647			6,434
CLARK'S FORK—Trucks			4,937			4,937			
CUT BANK—									
Big West Oil Company		4,007				4,007			
Darling Gathering System, Inc.	5,196	21,713				23,552			3,357
Phillips Petroleum Co.	15,681	49,100			(235)	24,477		23,500	17,039
The Texas Pipeline Company	75,524	44,800		61,594	670	68,220		4,977	108,051
Toronto Pipeline Company	32,037	53,234			868			62,464	21,939
Union Oil Company	88,405	39,780		29,347	(169)	92,444			65,257
	216,843	212,634		90,941	1,134	212,700		90,941	215,643
DRY CREEK—Ohio Oil Company	10,131	14,133			74	14,404			9,786
ELK BASIN—Ohio Oil Company		145,450				104,436	41,014		
FERTILE PRAIRIE—Trucks			3,113				3,113		
FRANNIE—Ohio Oil Company		1,051					1,051		
GLENDIVE and DEER CREEK—									
The Texas Pipeline Company	6,622	56,469			145			53,274	9,672
IVANHOE DOME—Trucks			2,658			2,658			
KEVIN-SUNBURST—									
Big West Oil Company	2,033	31,151				31,144			2,040
Homestake Oil & Gas Co.	550	2,495				2,632			413
The Texas Pipeline Co.	9,157	34,160		1,399	444	35,115			9,157
Anna Aronow	178	1,625						1,399	404
	11,918	69,431		1,399	444	68,891		1,399	12,014
MARCUS SNYDER—Trucks			4,209				4,209		
MELSTONE—Trucks	1,861		3,888			4,415			1,334
MOSSER—Trucks			910			910			
PONDERA—									
Phillips Petroleum Co.	3,506	53,113			2,423	52,410			1,786
POPLAR and BREDETTE—									
East Poplar Gathering System	19,828	344,514			305			347,177	16,860
Trucks			20,682				20,682		
	19,828	344,514	20,682		305		20,682	347,177	16,860
NORTHWEST POPLAR—Trucks			1,921				1,921		
RAGGED POINT—Trucks	1,083		1,530			1,530			1,083
REAGAN—Union Oil Company		17,691				17,691			
SOAP CREEK—Trucks			19,917				19,917		
SUMATRA—									
Powder River Pipe Line Co.	26,537	108,927			544	110,296			24,624
Trucks			3,968				3,968		
	26,537	108,927	3,968		544	110,296	3,968		24,624
SWEETGRASS HILLS—									
Homestake Oil & Gas Company	2,060	1,213		9,139		8,997			3,415
Western Natural Gas Company	1,132	8,949						9,139	942
Trucks			985			985			
	3,192	10,162	985	9,139		9,982		9,139	4,357
WIBAUX—Trucks			964				964		
WOLF SPRINGS—Trucks	66		12,896			11,868			1,094
YELLOWSTONE—Trucks			953			953			
TOTALS	567,030	1,459,485	108,283	501,930	4,802	678,747	849,334	501,930	601,915

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF FEBRUARY, 1956

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asph. Co.	Farmers Union	Jet Fuel Refinery	Phil Pet. Co.	The Texas Co.	Union Oil Co.	Total by Fields
Bannatyne	.....	.....	.....	.....	.....	.....	100	.....	.....	100
Big Wall	.....	.....	.....	.....	9,996	.....	.....	.....	.....	9,996
Border	.....	.....	.....	.....	.....	.....	.....	1,734	.....	1,734
Bowes	.....	.....	.....	19,861	.....	.....	.....	.....	.....	19,861
Brady-Midway	.....	.....	.....	.....	.....	.....	357	.....	.....	357
Cat Creek	.....	.....	10,118	.....	.....	4,012	.....	.....	.....	14,130
Clark's Fork	.....	.....	.....	.....	3,905	.....	.....	.....	.....	3,905
Cut Bank	21,004	.....	.....	.....	.....	.....	24,724	82,258	95,382	223,368
Dry Creek	.....	.....	.....	.....	14,047	.....	.....	.....	.....	14,047
Elk Basin	.....	71,984	32,452	.....	.....	.....	.....	.....	.....	104,436
Ivanhoe Dome	.....	.....	.....	.....	2,658	.....	.....	.....	.....	2,658
Kevin-Sunburst	38,818	.....	.....	.....	.....	.....	.....	47,794	.....	86,612
Melstone	.....	.....	.....	.....	.....	4,421	.....	.....	.....	4,421
Mosser	.....	.....	.....	.....	910	.....	.....	.....	.....	910
Pondera	.....	.....	.....	.....	.....	.....	52,527	.....	.....	52,527
Ragged Point	.....	.....	.....	.....	1,530	.....	.....	.....	.....	1,530
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	17,691	17,691
Richey	.....	.....	.....	.....	.....	.....	.....	4,123	.....	4,123
Sumatra	.....	.....	590	.....	120,681	.....	.....	.....	.....	121,271
Sweetgrass Hills	627	.....	.....	.....	.....	.....	.....	.....	.....	627
Wolf Springs	.....	199	.....	.....	.....	.....	.....	.....	.....	199
Yellowstone	.....	.....	.....	.....	956	.....	.....	.....	.....	956
Whitlash	.....	.....	.....	.....	.....	.....	.....	14,322	359	14,681
Total Montana Oil	60,449	72,183	43,160	19,861	154,683	8,433	77,708	150,231	113,432	700,140
Canadian Oil Imported	.....	.....	.....	2,539	.....	.....	.....	.....	.....	2,539
Wyoming Oil Imported	.....	684,329	260,827	.....	319,124	.....	.....	.....	.....	1,264,280
TOTAL Montana, Canadian and Wyoming Oil	60,449	756,512	303,987	22,400	473,807	8,433	77,708	150,231	113,432	1,966,959

AVERAGE BARRELS PER DAY

	Montana	Canada	South Dakota	Wyoming	TOTAL
Year, 1955	27,008	.....	35	30,714	57,757
February, 1955	28,980	.....	65	31,592	60,637
February, 1956	24,142	87	.....	43,596	67,825

PERCENTAGE OF CRUDE REFINED

	Montana	Canada	South Dakota	Wyoming
Year, 1955	46.76%	.....	.06%	53.18%
February, 1955	47.79%	.....	.11%	52.10%
February, 1956	35.59%	.13%	.....	64.28%